| Inde | ex of Cl | aims |
|------|----------|------|
|      |          |      |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/068,295              | MITCHELL ET AL.                         |
| Examiner                | Art Unit                                |

| 1 | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

LeChi Truong

| A | Appeal   |
|---|----------|
| 0 | Objected |

2194

|          |                                       | _            | I            |              |            |              |  | ·  |          |                |     | _        |
|----------|---------------------------------------|--------------|--------------|--------------|------------|--------------|--|--|----------|----------------|-----|----------|
| Cla      | im                                    | Γ,           |              |              | C          | Date         | •  |  |          |                | ſ   | _        |
| Final    | 1   1   1   1   1   1   1   1   1   1 | T0/8/1       |              |              |            |              |  |  |          |                |     | i        |
|          | 1                                     |              |              |              |            | -            |  | _  |          | -              | - 1 | _        |
|          | 4                                     | Ť            |              |              |            | -            |  |  |          | $\dashv$       | .   |          |
|          | 3                                     | $\vdash$     |              |              |            |              |  |  |          |                | ı   | _        |
|          | 4                                     | П            |              |              |            |              |  |  |          |                |     | _        |
|          | 5                                     | П            |              |              |            |              |  |  |          |                | ┈╽  |          |
|          | 6                                     |              |              |              |            |              |  |  |          |                | [   |          |
|          | 0                                     | Ш            |              |              |            |              |  |  |          |                | ĺ   | L        |
|          | 8                                     | Ц            |              | _            | ļ          |              |  |  |          | Щ              |     | L        |
|          | 9                                     | $\vdash$     | <u> </u>     |              | <u> </u>   | _            | -  |  |          |                |     |          |
|          | 10<br>11                              | ₩            |              | -            |            | $\vdash$     |  | -  | _        | -              |     | L        |
|          | 12                                    | Н            | ├            | $\vdash$     | -          | H            |  | -  |          | <del>  -</del> |     | -        |
| <u> </u> | 13                                    | H            | -            | $\vdash$     |            | $\vdash$     |  | -  |          | $\vdash$       |     | -        |
| <u> </u> | 14                                    | H            | $\vdash$     | -            |            |              |  |  |          | $\vdash$       | ıÌ  | H        |
|          | 12<br>13<br>14<br>15                  | H            |              |              |            | $\vdash$     | _  |  |          | Г              | ı   | Г        |
|          | 16                                    | H            |              |              |            |              |  |  |          | _              | . 1 |          |
|          | 16<br>17<br>18<br>(9)<br>20           |              |              |              |            |              |  |  |          |                |     |          |
|          | 18                                    | П            |              |              |            |              |  |  |          |                |     | L        |
| <u></u>  | (9)                                   | Ш            |              |              | _          |              |  |  |          |                |     | _        |
| <u> </u> | 20                                    | Н            | ļ            | ļ            | lacksquare | _            |  |  |          | _              |     | L        |
| <u> </u> | 21                                    | H.           | <u> </u>     | <u> </u>     | <u> </u>   |              | <u> </u>   |  |          | _              |     | L        |
|          | 22<br>23<br>24                        | V            | <del> </del> | <u> </u>     | <u> </u>   | -            | <u> </u>   | <u> </u>   |          | ⊢              |     | -        |
|          | 24                                    | ⊨            | ┢            | ⊢            |            | -            | -  |  |          | H              |     | _        |
| <u> </u> | 25                                    |              | ╁            |              | -          | ├            | ┝  |  |          | H              |     | ┝        |
| 1        | 26                                    | <del> </del> | ╁─╴          | -            |            |              | $\vdash$   |  |          | $\vdash$       |     | H        |
|          | 25<br>26<br>27                        | T            | T            |              |            | T            | $\vdash$   |  |          |                |     | 一        |
|          | 28                                    |              |              |              |            | Γ            |  |  |          |                |     |          |
|          | 28<br>29                              |              |              |              |            |              |  |  |          |                |     |          |
|          | 30<br>31                              |              |              |              |            | L            |  |  |          | <u> </u>       |     |          |
|          | 31                                    | $\perp$      | _            | <u> </u>     | <u> </u>   |              |  |  | <u>L</u> | _              |     | L        |
| <u></u>  | 32                                    | $\vdash$     | <u> </u>     | ┞            | ļ          |              | -  | <u> </u>   | <u> </u> | ┡              |     | L        |
|          | 33<br>34                              | $\vdash$     | $\vdash$     | -            | ├          |              | -  | $\vdash$   | _        | ├              |     | ┝        |
| -        | 35                                    | $\vdash$     | $\vdash$     |              | $\vdash$   | $\vdash$     | -  | $\vdash$   | $\vdash$ | <del> </del>   |     | H        |
| <b> </b> | 36                                    | ├-           | $\vdash$     | <del> </del> | $\vdash$   | <del> </del> | Ι-   | $\vdash$   | $\vdash$ | ╁─             |     | H        |
| -        | 36<br>37                              | +-           | +-           | <del> </del> | $\vdash$   | <b>†</b>     | <del>                                     </del> | <del>                                     </del> |          | T              | i   | H        |
|          | 38                                    | T            | T            | T            | T          | T            | l  |  | Т        | T              | 1   | Γ        |
|          | 39                                    |              |              |              | L.         |              | - 3  |  |          |                |     |          |
|          | 40                                    |              |              |              | 匚          |              | $oxed{\Box}$                                     | L  |          | $\vdash$       | '   | Ĺ        |
|          | 41                                    | 1_           | ļ            | _            | 1_         | <u> </u>     | <u> </u>   |  | _        | $\vdash$       | 1   | L        |
| <u></u>  | 42                                    | ↓            | 1            | ⊢            | ــ         | <u> </u>     | <del> </del>                                     |  | _        | $\vdash$       | ł   | H        |
| <u> </u> | 43                                    | ╄            | $\vdash$     | ⊢            | ₩          | <b>├</b> -   | ├-   |  | $\vdash$ | $\vdash$       | ł   | H        |
| -        | 44<br>45                              | ┼            | +            | ₩            | ⊢          | -            |  | -  | -        | $\vdash$       | ł   | H        |
| -        | 46                                    | +            | $\vdash$     | +-           | +          | ┼─           | -  | $\vdash$   | $\vdash$ | $\vdash$       |     | <b>-</b> |
| -        | 47                                    | $\vdash$     | +-           | $t^{-}$      | t          | t            |  | $\vdash$   |          | 1              | 1   | H        |
|          | 48                                    | T            | T            | T            | T          | $\vdash$     | T  | $\vdash$   |          | 1              | 1   | r        |
|          | 49                                    |              |              |              |            |              |  |  |          |                | ]   |          |
|          | 50                                    |              |              |              |            |              |  |  |          |                |     |          |
|          |                                       |              |              |              |            |              |  |  |          |                |     |          |

| Cla          | Date   |              |          |                                     |              |              |                 |          |          |            |
|--------------|--|--------------|----------|-------------------------------------|--------------|--------------|-----------------|----------|----------|------------|
|              |  |              |          |                                     |              |              |                 |          |          | $\neg$     |
| a            | na   |              |          |                                     |              |              |                 |          |          |            |
| Final        | Original                                     |              |          |                                     |              |              | İ               |          |          |            |
| _            | 0  |              |          |                                     |              |              |                 |          |          |            |
|              | 51   | $\vdash$     |          |                                     | _            |              | $\dashv$        | $\dashv$ |          | $\dashv$   |
|              | 52   | Н            |          |                                     |              | -            | $\dashv$        | _        | -        | _          |
| <u> </u>     | 51<br>52<br>53                               | Н            | -        |                                     | _            |              |                 | $\dashv$ | $\neg$   | _          |
|              | 54   | Н            | $\dashv$ |                                     | =            | _            |                 | _        | H        | $\dashv$   |
| <del></del>  | 55   |              |          |                                     | _            | -            |                 | -        | -        | $\dashv$   |
|              | 54<br>55<br>56<br>57                         | Н            |          | _                                   | -            | _            | $\dashv$        | -        |          | -          |
| -            | 57   | Н            |          |                                     | -            |              | $\dashv$        | -        |          | $\dashv$   |
| <u> </u>     | 50   | Н            |          | -                                   | _            |              |                 |          |          |            |
| $\vdash$     | 58<br>59                                     | -            | _        | -                                   | -            |              | -               |          |          | -          |
| -            | 60   | Н            |          |                                     |              |              |                 |          |          | _          |
|              | 61   | Н            |          |                                     | _            |              | $\dashv$        | -        |          |            |
|              | 62   | H            |          | _                                   |              |              | $\dashv$        | _        |          |            |
|              | 61<br>62<br>63                               | Н            |          |                                     |              |              | Н               |          |          |            |
| <del> </del> | 64   | $\vdash$     | -        |                                     |              | $\vdash$     | $\vdash$        |          |          |            |
| ├─           | 64<br>65                                     | Н            |          | Н                                   | -            | <u> </u>     | $\vdash$        |          |          |            |
| <u> </u>     | 00   | $\vdash$     |          | Ш                                   | <u> </u>     |              | $\vdash \vdash$ | -        |          |            |
|              | 66   | Н            |          | -                                   |              |              |                 |          |          | _          |
|              | 67<br>68                                     | <u> </u>     |          |                                     |              |              |                 |          |          | _          |
|              | 68   |              |          | <u> </u>                            |              | _            |                 |          |          |            |
|              | 69   |              |          | <u> </u>                            |              |              |                 |          |          |            |
| <u> </u>     | 70   |              |          | _                                   |              |              |                 |          |          |            |
|              | 71   |              | _        | <u> </u>                            | L            |              |                 |          |          | <u> </u>   |
|              | 72   | Ш            |          |                                     |              |              |                 | _        |          |            |
|              | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76 | Ш            |          |                                     |              |              |                 |          | <u> </u> |            |
| L            | 74   |              | _        |                                     |              | _            |                 |          | L.       |            |
|              | 75   | _            |          |                                     |              |              |                 |          |          |            |
| L            | 76   |              |          | _                                   | _            |              | Щ               |          |          |            |
|              | 77   |              | L_       | _                                   | _            |              | _               |          |          |            |
|              | 78<br>79                                     |              |          | _                                   | <u> </u>     | L            | <u> </u>        |          |          |            |
|              | 79   | _            |          | _                                   |              |              | Ĺ               |          |          | L.         |
|              | 80   | <u>_</u>     | _        | _                                   |              |              | _               |          | _        |            |
|              | 81   | ļ            |          |                                     | L            |              |                 |          |          |            |
|              | 82   | L            |          | <u> </u>                            | _            |              |                 |          |          |            |
| L            | 83   | <u> </u>     | <u> </u> | _                                   | _            | L            |                 | L        |          | <u> </u>   |
|              | 84   | <u> </u>     |          | _                                   | <u> </u>     | <u> </u>     | <u> </u>        | L        | <u> </u> | <u> </u>   |
| L            | 85   | <u> </u>     |          |                                     |              | <u> </u>     | _               |          | <u> </u> | <u> </u>   |
| L            | 86<br>87                                     | _            | <u> </u> |                                     | <u> </u>     | ļ            | <u> </u>        |          |          |            |
|              | 87   | <u> </u>     | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     |              | <b> </b>        | L_       | <u> </u> | <u> </u>   |
| <u> </u>     | 88   | <u> </u>     | L        | _                                   | <u></u>      |              |                 | <u> </u> | <u> </u> | <u> </u>   |
| <u></u>      | 89<br>90                                     | <u> </u>     | <u> </u> | _                                   | _            | ـــــ        | <u> </u>        | <u> </u> | <u> </u> | <u> </u>   |
| L            |  | <u> </u>     | _        |                                     | <u> </u>     | _            | L.              |          | <u> </u> | <u> </u>   |
|              | 91   | _            | <u> </u> | <u> </u>                            | L            | <u> </u>     | _               | <u> </u> |          | ļ          |
| L            | 92   | _            | <u> </u> | <u> </u>                            | <u> </u>     | _            | _               | <u> </u> | <u> </u> | <b> </b>   |
|              | 93   | _            | <u> </u> | <u> </u>                            | L            | <u> </u>     | _               | <u> </u> | <u> </u> | <u> </u>   |
| <u></u>      | 94   | _            | _        | Ļ                                   | <u> </u>     | <u></u>      | L.              |          | _        |            |
|              | 95   | $oxed{oxed}$ | _        | $\vdash$                            | L_           | $\vdash$     | <u> </u>        |          | L        | <b> </b>   |
|              | 96   | <u> </u>     | 1        | <u> </u>                            | $oxed{oxed}$ | $oxed{oxed}$ | <u>L</u>        | <u> </u> | <u> </u> | L_         |
|              | 97   | <u> </u>     | L_       | <u> </u>                            | $oxed{oxed}$ |              | $oxed{oxed}$    | L_       | <u></u>  | <u> </u>   |
|              | 98   | <u> </u>     |          | _                                   |              | <u> </u>     | _               | ١.       | <u> </u> | lacksquare |
|              | 99   |              |          |                                     |              |              | Ŀ               |          | L        | _          |

| Cla  | aim                             |          |  |  |  | Date         | <del></del>  |          | -            | $\neg$   |
|--|---------------------------------|----------|--|--|--|--------------|--------------|----------|--------------|--|
|  |                                 |          |  |  |  |              |              |          |              |  |
| <u>a</u>   | Original                        |          |  |  |  |              |              |          |              |  |
| Final  | jū                              |          |  |  |  |              |              |          |              |  |
| ۱ ـ  | õ                               |          |  |  |  |              |              |          |              | J  |
|  | 1                               | _        |  | $\vdash$   |  | -            | _            |          |              | $\dashv$   |
|  | 101                             | _        |  | -  |  | ш            |              |          |              |  |
|  | 102                             |          | _  |  | _  | $\vdash$     |              |          |              |  |
|  | 103                             |          | _  |  | _  |              |              |          |              |  |
|  | 104                             |          | _  |  |  |              |              |          |              |  |
|  | 104<br>105                      |          |  |  |  |              |              |          |              |  |
|  | 106                             |          |  |  |  |              |              |          |              |  |
|  | 107                             |          |  |  |  |              |              |          |              |  |
|  | 108                             | Г        |  |  |  |              |              |          |              |  |
|  | 109                             |          |  |  |  |              |              |          |              |  |
|  | 110                             | H        |  | $\vdash$   | _  |              |              |          | _            |  |
| $\vdash$   | 111                             | $\vdash$ | -  | _  |  | $\vdash$     |              | _        |              | М  |
| <u> </u>   | 112                             | $\vdash$ |  | -  |  |              |              | _        |              | $\vdash$   |
| <u> </u>   | 112                             | $\vdash$ | -  | <del>                                     </del> | H  |              | $\vdash$     |          | -            | Н  |
| ├  | 113<br>114<br>115               | -        | $\vdash$   | $\vdash$   | Ь  | -            |              |          | H            | $\vdash\vdash$                                   |
| <u></u>  | 114                             | <u> </u> | ⊢  | <b>—</b>   | <u> </u>   |              | Ь            | _        | <u> </u>     | Щ  |
|  | 115                             |          | <u> </u>   | ļ  | _  | <u> </u>     |              |          | L            | Щ  |
|  | 116<br>117<br>118               | L.       | <u> </u>   | ļ  | <u> </u>   | _            |              | <u> </u> | L            | Ь  |
|  | 117                             |          | $oxed{oxed}$                                     |  |  |              |              |          | L            |  |
|  | 118                             |          |  |  |  |              |              |          |              |  |
|  | 1119                            | L_       |  |  |  |              |              | L        |              |  |
|  | 120                             |          | ļ <u></u>  |  |  |              |              | L        |              |  |
|  | 121<br>122<br>123<br>124<br>125 |          |  |  |  |              |              |          |              |  |
|  | 122                             |          |  |  |  |              |              |          |              |  |
|  | 123                             |          |  | Г  |  |              |              |          |              |  |
|  | 124                             | _        |  |  |  |              |              |          |              |  |
|  | 125                             | ┪        | <del>                                     </del> | lТ   |  | $\vdash$     | $\vdash$     | _        | _            |  |
|  | 1 126                           | $\vdash$ | <del> </del>                                     | <u> </u>   | _  | $\vdash$     | $\vdash$     |          |              |  |
| _  | 127<br>128<br>129               |          | ╁  | <del>                                     </del> | <del> </del>                                     | $\vdash$     | $\vdash$     |          | _            | <del>                                     </del> |
| <del>                                     </del> | 128                             | -        | ┢╌   | $\vdash$   | $\vdash$   | _            | _            | -        |              | H  |
|  | 120                             | ╁        | ┢  | ╁╌   | <del>                                     </del> | -            |              |          | H            | -  |
| -  | 130                             |          | -  | ┢  | $\vdash$   | _            |              | -        |              | -  |
|  | 130                             |          | $\vdash$   | ├  | -  | ┝            | -            | -        | <del> </del> | $\vdash$   |
|  | 130<br>131<br>132               | ┢        | ├  | ├-   | -  | ╁            |              | ⊢        | -            | $\vdash$   |
| -  | 122                             | -        | ┼  | $\vdash$   | $\vdash$   | ├            | <del> </del> | -        | $\vdash$     | -  |
| -  | 133<br>134                      | -        | $\vdash$   | -  | ├  | <del> </del> | -            | $\vdash$ | $\vdash$     | ├  |
|  | 134                             | ⊢        | $\vdash$   | ┼  |  | $\vdash$     | $\vdash$     |          | -            | -  |
|  | 135<br>136                      | ₩        | -  | ₩  |  | $\vdash$     | ⊢            | $\vdash$ |              |  |
| <u></u>  | 136                             | ⊢        | <del> </del>                                     | ļ  | $\vdash$   | <del> </del> |              |          | ₩            | -  |
| ļ  | 137                             | $\vdash$ | 1  | <u> </u>   | <u> </u>   | ₩            | <u> </u>     | _        | <u> </u>     | <b> </b>   |
| <u></u>  | 138<br>139                      | <b>!</b> | $\vdash$   | <u> </u>   | <u> </u>   | ļ.           |              | L        | <u> </u>     |  |
| <u></u>  | 139                             | ┞        | <u> </u>   | L  | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>   |
|  | 140                             | <u> </u> | <u> </u>   | L_   | _  | <u> </u>     | <u></u>      | <b> </b> | L_           |  |
|  | 141                             | <u> </u> | ļ  | 1_   | _  | <u> </u>     |              | <u> </u> | <u> </u>     | L  |
|  | 142                             |          | <u> </u>   | 1  |  | $oxed{oxed}$ | L_           | <u> </u> |              | Ь.   |
|  | 143                             | <u></u>  | 1_   | <u> </u>   |  | _            |              | L        |              | $ldsymbol{f eta}$                                |
|  | 144                             |          |  | L  |  |              | L            |          |              | <u> </u>   |
|  | 145                             |          |  |  |  | L            | Ĺ            | $\Box$   | L            | L  |
|  | 146                             |          |  | Γ  |  |              |              |          | L            |  |
|  | 147                             |          |  |  |  |              | Ĺ            |          |              |  |
|  | 148                             |          |  |  |  |              |              |          |              |  |
|  | 149                             | $\Gamma$ |  |  |  |              | L            |          |              |  |
|  | 150                             |          |  |  |  |              |              |          |              |  |